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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875							Application or Docker Number  10605018		
CLAIMS AS FILED - PART I (Column 1) (Column 2) SMALL ENTITY								OTHER THAN SMALL ENTITY	
FOR NUMBER		er faled	HUMB	EREXTRA	RATE	\$EE		RAIF	. FEE
BASIC FEE			***						, 750.
(37 CFR 1.18(e)) TOTAL CLAIMS 7 2					,—-	QR	10		
	$\alpha$	ratnus 21		2	x \$		<b>O</b> R	x 5/20.	90
(37 CFR 1.15(b))		9 minus 3 = :			x s•		QR	25 3%.	84
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))							OR	+3	
* If the difference in column 1 is less than zero, enter "O" in column 2.							OR	TOTAL	924
C	LAIMS AS AM	ENDED	- PARTII			•			,
			(Column 2)			OR	OTHER THAN SMALL ENTITY		
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE /		RATE	ADDI- TIONAL FEE /
Total CP CFR 1.15(c)	25	Minus	"25	•	x s •		OR	x \$	
Endependent CP CFR 1.15(h)	· 4	Minus	"11	2	x \$•		OR	× \$=	
AFTER AMENDMENT PAID FOR EXTRA  Total CO CAR 1.16(c) 25 Minus "25 "  Independent CO CAR 1.16(c) "  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(d))					+5 •	/		+ 5	1
				-	TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	
	(Cotumn 1)		(Column 2)	(Cohimn 3)					
-	CLAMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID.FOR.	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI: · TIONAL · FIFE
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Independent (IF CER 1.16(H))	· 4	Minus	" 4	•	x s		OR	x s =	
AFTER AMENDMENT PAID FOR.  Total Cr CFR 1.MCR					+s=		OR	+:	
		· · · · · ·			TOTAL ADD'L FEE		OR	TOTAL ADO'L FEE	
·	(Column 1)		(Column 2)	(Column 3)		· L		/	
	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
Total (37 CFR 1,16(c))	•	Minus	••	•	x s=		OR	x \$=	<del></del>
Independent (27 CFR 1,16(b))	•	Minus		*	x s=		OR		
AFTER AMENDMENT PAID FOR  Total (pr cfr 1,146(d))  Independent Minus " " " " " " " " " " " " " " " " " " "							OR	+ 5 +	
TOTAL ADD'L FEE							OR	TOTAL ADD'L PEE	
	Total (pr CFR 1.16(a))  Total (pr CFR 1.16(b))  Total (pr CFR 1.16(c))  Independent (pr CFR 1.16(c))  FIRST PRESENT  FIRST PRESENT  FIRST PRESENT	FOR NUMB SIC FEE CFR 1.18(a)) FAL CLAIMS CFR 1.18(b))  EPENDENT CLAIMS CFR 1.18(b))  LTIPLE DEPENDENT CLAIM PRESE THE difference in column 1 is less the CLAIMS AS AM  (Column 1)  CLAIMS REMAINING AFTER AMENDMENT  TOLS (COLUMN 1)  FIRST PRESENTATION OF MALTER  (COLUMN 1)  CLAIMS REMAINING AFTER AMENDMENT  TOLS (COLUMN 1)  CLAIMS REMAINING AFTER AMENDMENT  TOLS (COLUMN 1)  CLAIMS REMAINING AFTER AMENDMENT  TOLS (COLUMN 1)  (COLUMN 1)  (COLUMN 1)  (COLUMN 1)  CLAIMS REMAINING AFTER AMENDMENT  TOLS (COLUMN 1)  (COLUMN 1)  (COLUMN 1)  CLAIMS REMAINING AFTER AMENDMENT  TOLS (COLUMN 1)  (COLUMN 1)  CLAIMS REMAINING AFTER AMENDMENT	FOR NUMBER FILED  SC FEE  CFR 1.15(e))  FAL CLAIMS  CFR 1.15(c))  EPENDENT CLAIMS  CFR 1.18(b))  CTIPLE DEPENDENT CLAIM PRESENT  The difference in column 1 is less than zero, expendent of the continuous of the	FOR NUMBER FILED MUMB SC FEE CFR 1.15(a)) FALCLAIMS CFR 1.15(b)) FALCLAIMS CFR 1.15(c)) FEPENDENT CLAIM PRESENT (37 CFR 1.16(d))  TIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(d))  THE difference in column 1 is less than zero, enter "0" in column  CLAIMS AS AMENDED - PART (I  (Column 1) (Column 2)  REMAINING AFTER AMENDMENT PAID FOR  FIRST PRESENTATION OF MALTPLE DEPENDENT CLAIM (37 CFR 1.16(d))  FOR 1.16(d)  CCAUMS REMAINING AFTER AMENDMENT  TOTAL  (COLUMN 1) (Column 2)  (COLUMN 1) (COLUMN 2)  FIRST PRESENTATION OF MALTPLE DEPENDENT CLAIM (37 CFR 1.16(d))  FRET PRESENTATION OF MALTPLE DEPENDENT CLAIM (37 CFR 1.16(d))  FRET PRESENTATION OF MALTPLE DEPENDENT CLAIM (37 CFR 1.16(d))  FRET PRESENTATION OF MALTPLE DEPENDENT CLAIM (37 CFR 1.16(d))  (COLUMN 1) (COLUMN 2)  FRET PRESENTATION OF MALTPLE DEPENDENT CLAIM (37 CFR 1.16(d))  FRET PRESENTATION OF MALTPLE DEPENDENT CLAIM (37 CFR 1.16(d))  (COLUMN 1) (COLUMN 2)  FRET PRESENTATION OF MALTPLE DEPENDENT CLAIM (37 CFR 1.16(d))  FRET PRESENTATION OF MALTPLE DEPENDENT CLAIM (37 CFR 1.16(d))  (COLUMN 1) (COLUMN 2)  FRET PRESENTATION OF MALTPLE DEPENDENT CLAIM (37 CFR 1.16(d))  (COLUMN 1) (COLUMN 2)  MITHUS  TOLD  (COLUMN 1) (COLUMN 2)  FRET PRESENTATION OF MALTPLE DEPENDENT CLAIM (37 CFR 1.16(d))  (COLUMN 1) (COLUMN 2)  MITHUS  TOLD  (COLUMN 1) (COLUMN 2)  FRET PRESENTATION OF MALTPLE DEPENDENT CLAIM (37 CFR 1.16(d))  (COLUMN 1) (COLUMN 2)  MITHUS  TOLD  (COLUMN 1) (COLUMN 2)  MITHUS  MITHUS	FOR MUMBER FILED MUMBER ENTRA  SC FEE CPR 1.18(a)) AL CLAIMS CPR 1.18(a)  AL CLAIMS CPR 1.18(b)  AL CLAIMS CPR 1.18(b)  AL CLAIMS AS AMENDED - PART (I  (Column 2)  (Column 3)  CLAIMS AS AMENDED - PART (I  (Column 3)  CLAIMS REMARNING AFTER PREVOUSLY PAID FOR  Independent COLUMN 1)  (COLUMN 3)  (COLUMN 3)  (COLUMN 3)  FIRST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 CFR 1.18(d))  (COLUMN 1)  (COLUMN 3)  (COLUMN 1)  (COLUMN 2)  (COLUMN 3)  (COLUMN 4)  (COLUMN 3)  (COLUMN 3)  (COLUMN 4)  (COLUMN 4)  (COLUMN 3)  (COLUMN 3)  (COLUMN 4)  (COLUMN 3)  (COLUMN 4)  (COLUMN 3)  (COLUMN 4)  (COLUMN 4)  (COLUMN 5)  (COLUMN 5)  (COLUMN 6)  (COLUMN 6)  (COLUMN 7)  (COLUMN 7)	FOR NUMBER FILED MUMBER ENTRA  FOR NUMBER FILED MUMBER ENTRA  RATE  OF R 1.18(8)  AL CLAIMS  OFR 1.18(9)  AL CLAIMS  OFR 1.18(9)  AL CLAIMS  OFR 1.18(1)  CORT 1.18(1)  AL CLAIMS  OFR 1.18(1)  COLUMN 3 =  TOTAL  CLAIMS AS AMENDED - PART II  (Column 2)  (Column 3)  CLAIMS AS AMENDED - PART II  (Column 2)  (Column 3)  CLAIMS  REMAINING  AFTER  AMENDMENT  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))  FREST PRESENTATION OF MALTIPLE DEPENDENT CLAIM (37 OFR 1.18(d))	Column 1   Column 2   SMALL ENTITY	FOR MUMBER FILED MUMBER ENTRA  SIGNALL ENTITY OR  FOR MUMBER FILED MUMBER ENTRA  SIGNALL ENTITY  RATE FEE  SIGNAL CLAIMS  OR  FRICTION OF ILIQUID  AL CLAIMS  OR THIRD OR  AL CLAIMS  OR THIRD OR  AL CLAIMS  OR THIRD OR  TOTAL  CREATER SIGNAL  OR  TOTAL  CREATER SIGNAL  OR  TOTAL  CLAIMS AS AMENDED - PART II  (Column 1) (Column 2) (Column 3)  CLAIMS AS AMENDED - PART II  (Column 1) (Column 2) (Column 3)  REMARKING AFTER PREVIOUSLY EXTRA  PREVIOUSLY EXTRA  PREVIOUSLY EXTRA  FEE  OR  TOTAL  OR  CLAIMS  CLAIMS  CLAIMS  CLAIMS  CLAIMS  REMARKING AFTER PREVIOUSLY AMENDED  FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(d))  TOTAL  OF CRITICIPAL SIGNAL  FEE  OR  TOTAL  OR  CLAIMS  CLAIMS  CLAIMS  REMARKING NUMBER PRESENT  FREST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(d))  FRITT PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(d))  FRATE ADDITIONAL  FEE  OR  TOTAL  OR  TOTAL  OR  TOTAL  ADDITIONAL  FEE  OR  TOTAL  OR  TOTAL  ADDITIONAL  FEE  OR  TOTAL  ADDITIONAL  FEE  OR  TOTAL  ADDITIONAL  FEE  OR  TOTAL  ANENDERST  PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(d))  TOTAL  OR  TOTAL  ANENDERST  PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.18(d))  TOTAL  OR  TOTAL  OR  TOTAL  ADDITIONAL  FEE  OR  TOTAL  ADDITIONAL  FEE  OR  TOTAL  ADDITIONAL  FEE  OR  TOTAL  ANENDERST  RATE  ADDITIONAL  FEE  OR  TOTAL  ANENDERST  PRESENTATIONAL  FEE  OR  TOTAL  ANENDERST  PRESENTATIONAL  FEE  OR  TOTAL  ANENDERST  TOTAL  TOTAL	COLUMN 1

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete. including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Tradement Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS, SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.